



IDS Form PTO/SB/08: Substitute for form 1449A/PTO		/Soumya Dasgupta/		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/712,886
				Filing Date	November 12, 2003
				First Named Inventor	Erot BOZAK
				Art Unit	2176
				Examiner Name	S. Dasgupta
Sheet	1	of	6	Attorney Docket Number	09700.0035-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No.	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
/S.D./		2001/0054034	12/20/2001	Arning et al.	
/S.D./		2002/0019844	2/14/2002	Kurowski et al.	
/S.D./		2002/0194251	12/19/2002	Richter et al.	
/S.D./		2003/0003068	1/2/2003	Nickel et al.	
/S.D./		2003/0033369	2/13/2003	Bernhard	
/S.D./		2003/0041130	2/27/2003	Harrisville-Wolff et al.	
/S.D./		2003/0088580	5/8/2003	Desai et al.	
/S.D./		2003/0093528	5/15/2003	Rolia	
/S.D./		2003/0126196	7/3/2003	Lagimonier et al.	
/S.D./		2003/0126265	7/3/2003	Aziz et al.	
/S.D./		2003/0197726	10/23/2003	Weitzman	
/S.D./		2004/0215590	10/28/2004	Kroening	
/S.D./		2004/0215973	10/28/2004	Kroening	
/S.D./		2004/0225711	11/11/2004	Burnett et al.	
/S.D./		2004/0255291	12/16/2004	Sierer et al.	
/S.D./		2004/0261053	12/23/2004	Dougherty et al.	
/S.D./		2004/0268293	12/30/2004	Woodgeard	
/S.D./		2005/0015437	1/20/2005	Strait	
/S.D./		2005/0015643 A1	1/20/2005	Davis et al.	
/S.D./		2005/0027785	2/3/2005	Bozak et al.	
/S.D./		2005/0027812	2/3/2005	Bozak et al.	
/S.D./		2005/0027843	2/3/2005	Bozak et al.	
/S.D./		2005/0027864	2/3/2005	Bozak et al.	
/S.D./		2005/0027865	2/3/2005	Bozak et al.	
/S.D./		2005/0044251	2/24/2005	Bozak et al.	
/S.D./		2005/0060272	3/17/2005	Lin	
/S.D./		2005/0076105	4/7/2005	Keohane et al.	
/S.D./		2005/0076339	4/7/2005	Merril et al.	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS			
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/S.D./		2005/0138156	6/23/2005	Gebhart et al.	
/S.D./		2005/0138618	6/23/2005	Gebhart	
/S.D./		2005/0149294	7/7/2005	Gebhart	
/S.D./		2005/0160107	7/21/2005	Liang	
/S.D./		2005/0160423	7/21/2005	Bantz et al.	
/S.D./		2005/0165912	7/28/2005	Colbeck et al.	
/S.D./		2005/0235055	10/20/2005	Davidson	
/S.D./		2006/0005181	1/5/2006	Fellenstein et al.	
/S.D./		2006/0015285	1/19/2006	Fuller et al.	
/S.D./		2006/0075070	4/6/2006	Merisart-Coffinieres et al.	
/S.D./		2006/0136506	6/22/2006	Gebhart et al.	
/S.D./		2006/0168158	7/27/2006	Das	
/S.D./		2006/0168174	7/27/2006	Gebhart et al.	
/S.D./		2006/0294238	12/28/2006	Naik et al.	
/S.D./		2008/0052729	2/28/2008	Paul et al.	
/S.D./		5,440,722	8/8/1995	VanderSpek et al.	
/S.D./		5,539,883	7/23/1996	Allon et al.	
/S.D./		5,572,724	11/5/1996	Watanabe et al.	
/S.D./		5,659,694	8/19/1997	Bibayan	
/S.D./		5,699,532	12/16/1997	Barrett et al.	
/S.D./		5,784,552	7/21/1998	Bishop et al.	
/S.D./		5,996,012	11/30/1999	Jarriel	
/S.D./		6,009,455	12/28/1999	Doyle	
/S.D./		6,061,505	5/9/2000	Pitchaikani et al.	
/S.D./		6,098,108	8/1/2000	Sridhar et al.	
/S.D./		6,182,086	1/30/2001	Lomet et al.	
/S.D./		6,209,018	3/27/2001	Ben-Shachar et al.	
/S.D./		6,226,675	5/1/2001	Meltzer et al.	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS			
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/S.D./		6,256,740	7/3/2001	Muller et al.	
/S.D./		6,289,382	9/11/2001	Bowman-Amuah	
/S.D./		6,385,639	5/7/2002	Togawa	
/S.D./		6,401,097	6/4/2002	McCotter et al.	
/S.D./		6,453,349	9/17/2002	Kano et al.	
S.D./		6,466,980	10/15/2002	Lumelsky et al.	
/S.D./		6,615,278	9/2/2003	Curtis	
/S.D./		6,628,304	9/30/2003	Mitchell et al.	
/S.D./		6,789,170	9/7/2004	Jacobs et al.	
/S.D./		6,799,251	9/28/2004	Jacobs et al.	
/S.D./		6,826,568	11/30/2004	Bernstein et al.	
/S.D./		6,832,220	12/14/2004	Rahman	
/S.D./		6,859,834	2/22/2005	Arora et al.	
S.D./		6,912,587	6/28/2005	O'Neil	
/S.D./		6,967,728	11/22/2005	Vidyanand	
/S.D./		6,976,258	12/13/2005	Goyal et al.	
/S.D./		7,010,596	3/7/2006	Bantz et al.	
/S.D./		7,051,107	5/23/2006	Morikawa	
/S.D./		7,096,248	8/22/2006	Masters et al.	
/S.D./		7,130,891	10/31/2006	Bernardin et al.	
/S.D./		7,171,470	1/30/2007	Doyle et al.	
/S.D./		7,171,654	1/30/2007	Werme et al.	
/S.D./		7,181,743	2/20/2007	Werme et al.	
/S.D./		7,185,046	2/27/2007	Ferstl et al.	
/S.D./		7,234,032	6/19/2007	Durham et al.	
/S.D./		7,322,031	1/22/2008	Davis et al.	
/S.D./		7,328,406	2/5/2008	Kalinowski et al.	

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		WO 01/43227 A2				

NON PATENT LITERATURE DOCUMENTS			
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/S.D./		"Caching In on the Enterprise Grid Turbo-Charge Your Applications with OracleAS Web Cache," An Oracle Technical White Paper, << http://www.oracle.com/technology/products/ias/web_cache/pdf/WebCache1012_tw_p.pdf >>, February 7, 2006, pp. 1-34.	
/S.D./		"eserver xSeries 335 Type 8676 User's Guide," February 2003, IBM Product User's Guide, Chapter 1, pp 1-12.	
/S.D./		Berstis, V., "Fundamentals of Grid Computing," IBM Redbooks - file: redp6313. Copyright November 2002, pp. 1-28.	
/S.D./		"hp blade server data sheet," HP Blade Server Data Sheet, November 2001, pp. 1-6.	
/S.D./		"IBM eserver xSeries 335," IBM Data Sheet, Publication date unknown, IBM Data Sheet, accessed online on 12/27/2004 at < http://www.ibm.com/servers/uk/eserver/xseries/literature/xseries_335.html >, 2 pages.	
/S.D./		Allen, et al., "The Cactus Worm: Experiments With Dynamic Resource Discovery and Allocation in a Grid Environment," International Journal of High Performance Computing Applications Sage Science Press, Vol. 15, No. 4, pp. 345-358, 2001.	
/S.D./		Baldrige, Kim K. et al., "QMView and GAMESS: Integration into the World Wide Computational Grid," IEEE, pp. 1-25, 2002.	
/S.D./		Berman et al., "The GrADS Project: Software Support for High-Level Grid Application Development," International Journal of High Performance Computing Applications, Sage Science Press, Vol. 15, No. 4, pp. 327-344, July 31, 2001.	
/S.D./		Braden, R. et al., "Resource ReSerVation Protocol (RSVP), Version 1 Functional Specification," August 12, 1996, pp. 1-100.	
/S.D./		Cactus 4.0, User's Guide, Rev. 1.45, Chapter D9, dated January 19, 2004 (3 pages).	
/S.D./		Chase, Jeffrey S., et al., "Dynamic Virtual Clusters in a Grid Site Manager," High Performance Distributed Computing, 2003, Proceedings 12th IEEE International Symposium on June 22-24, 2003, 12 pgs.	
/S.D./		Liu, C. et al., "Design and Evaluation of a Resource Selection Framework for Grid Applications," High Performance Distributed Computing 2002, HPDC-11, 2002, Proceedings 11th IEEE International Symposium, July 23-26, 2002, 10 pgs.	
/S.D./		Czajkowski, Karl et al., "Resource Co-Allocation in Computational Grid: High-Performance Distributed Computing Archive," Proceedings of the 8th IEEE International Symposium on High Performance Distributed Computing Table of Contents, 1999, 14 pgs.	

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NON PATENT LITERATURE DOCUMENTS					
/S.D./		Dubinsky et al., "A Flexible Rerouting Protocol in ATM Networks," IEEE Infocom '99, Conference on Computer Communications, Proceedings, 18th Annual Joint Conference of the IEEE Computer and Communications Societies, Vol. 3, pp. 1488-1496, March 1999.			
/S.D./		El-Ghazawi, Tarek et al., "A Performance Study of Job Management Systems," October 2004, 10 pgs.			
/S.D./		European Examination Report, dated August 1, 2007, for corresponding EP Application No. 05 027 222.8 (5 pages).			
/S.D./		European Search Opinion, dated May 18, 2006, for corresponding EP Application No. 05 027 222.8 (5 pages).			
/S.D./		European Search Report dated March 1, 2006 pertaining to Application No. 05027221.0 - 2211, 10 pgs.			
/S.D./		European Search Report for Application No. 05027222.8, dated May 18, 2006 (9 pages).			
/S.D./		Foster, Ian et al., "A Distributed Resource Management Architecture that Supports Advance Reservations and Co-allocation," IEEE 1999, pp. 27-36.			
/S.D./		Foster, Ian et al., "The Anatomy of the Grid: Enabling Scalable Virtual Organizations," The International Journal of High Performance Computing Applications, Vol. 5, No. 3, Fall 2001, pp. 1-23.			
/S.D./		Laszewski, G., et al., "CoG Kits: A Bridge Between Commodity Distributed Computing and High-Performance Grids," Retrieved from the Internet: http://www-unix.mcs.anl.gov , June 2000, pp. 97-105.			
/S.D./		Goodale et al., "Checkpoint/Recovery in Cactus 4.0," October 16, 2002 (7 pages).			
/S.D./		International Search Report for PCT/EP2004/008406, Dec. 28, 2004, 7 pgs..			
/S.D./		International Search Report for PCT/EP2004/008407, Jan. 19, 2005, 6 pgs..			
/S.D./		International Search Report for PCT/EP2004/008408, March 21, 2005, 16 pgs..			
/S.D./		International Search Report for PCT/EP2004/008409, Dec. 29, 2004, 6 pgs.			
/S.D./		International Search Report for PCT/EP2004/008448, Jan. 19, 2005, 7 pgs.			
/S.D./		International Search Report for PCT/EP2004/008449, Jan. 19, 2005, 6 pgs.			
/S.D./		Jang et al., "A Path Based Internet Cache Design for GRID Application," Lecture Notes in Computer Science, December 2003, pp. 455-458.			
/S.D./		Konya, B., "The NorduGrid Information System," Retrieved from the Internet: http://www.nordugrid.org , September 16, 2002, 14 pgs.			
/S.D./		Konya, B., et al., "The NorduGrid Architecture and Tools," Retrieved from the Internet: http://www.nordugrid.org , March 2002, 5 pgs.			
/S.D./		Limaye, K. et al., "Reliability-aware Resource Management for Computational Grid/Cluster environments," IEEE 2005, pp. 211-218.			
/S.D./		Liu, et al., "Design and Evaluation of a Resource Selection Framework for Grid Applications," Proceedings 11th IEEE International Symposium on High Performance Distributed Computing IEEE Comput. Soc., Piscataway, NJ, July 2002, 10 pgs..			
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NON PATENT LITERATURE DOCUMENTS

/S.D./	Nabrzyski Jared et al., "Grid Resource Management, State of the Art and Future Trends," September 2003, Kluwer Academic Publishers, 44 pgs.	
/S.D./	Rajkumar Buyya; Nimrod/G., "An Architecture for a Resource Management and Scheduling System in a Global Computational Grid," IEEE Computer Society Press, USA, 2000, pp. 1-7.	
/S.D./	Rajkumar, Buyya, "Economic-based Distributed Resource Management and Scheduling for Grid Computing," April 2002, 180 pgs..	
/S.D./	Schopf et al., Jennifer M., "Grid Resource Management: State of the Art and Future Trends," [Online] September, 2003 (2003-09), Retrieved from the Internet: URL: http://www-unix.mcs.anl.gov/schopf.BookFinal.pdf [retrieved on 2007-05-10], 44 pgs..	
/S.D./	Sgaravatto et al., "Grid Checkpointing in the European DataGrid Project," October 16, 2002 (3 pages).	
/S.D./	U.S. Patent Application No. 12/326,441, filed December 2, 2008 entitled "Grid Organization," 29 pgs.	
	Vadhiyar et al., "A Performance Oriented Migration Framework for the Grid," Proceedings of the Third IEEE/ACM International Symposium on Cluster Computing and the Grid IEEE Comput. Soc., Los Alamitos, CA, 8 pgs.	
/S.D./	von Laszewski et al., "InfoGram: A Grid Service that Supports Both Information Queries and Job Execution," 2002, Pages 333-342, IEEE Computer Society, Proceedings of the 11th IEEE International Symposium on High Performance Distributed Computing, (HPDC '02), 10 pgs.	
/S.D./	von Laszewski, et al., "Grid-Based Asynchronous Migration of Execution Context in Java Virtual Machines," Euro-Par 2000 Parallel Processing, 6th International Euro-Par Conference Proceedings, Lecture Notes in Computer Science, Vol. 1900, pp. 22-34, September 2000.	
/S.D./	Walsh, et al., "Staged Simulation for Improving Scale and Performance of Wireless Network Simulations," Institute of Electrical and Electronics Engineers, Proceedings of the 2003 Winter Simulation Conference, New Orleans, December 7-10, 2003, IEEE, Vol.2 of 2, pp. 667-675.	
/S.D./	Zhang et al., "Fault-tolerant Grid Services Using primary-Backup: Feasibility and Performance," Cluster Computing, 2004 IEEE International Conference, San Diego, CA September 20-23, 2004, pp. 105-114.	

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